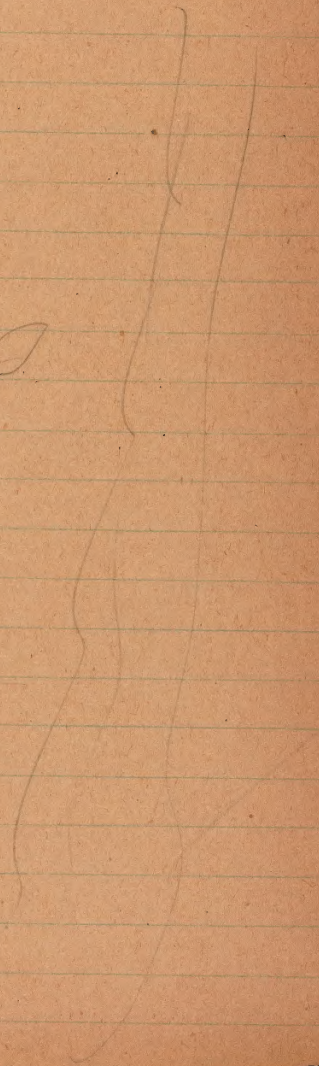
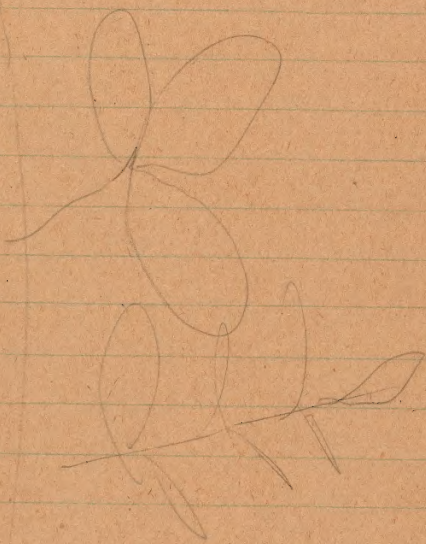
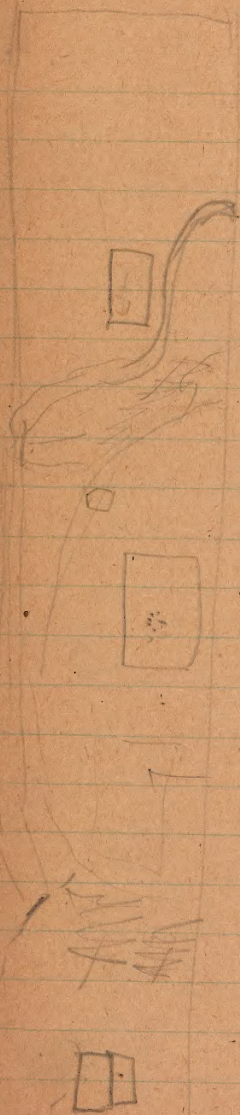


Shelburne, N.H.

May 18 { 1920.

July 31 }





Cambridge, Mass. to Shelburne, N.H.

1920
May 18
(1)

Clear and mild, light clouds in evening.

This morning Miss Boom & I left the house at 8.45 (local time), auto'd to Ham. Sq. and took the electric to the N. Sta. The train left at 9.00 A.M. (standard time) (10.00 A.M. local time). Fred Rand came to the train to see us off. The trip was done on time very comfortably and we reached Shelburne safely and found Lawrence waiting for us. We drove to the post-office and then to the farm. Gus met us at the Little House and we had a hearty welcome. He says he is very well and does a lot of work.

Our Iceland Poppies are up and in bud and are very vigorous. The three plants of *Dicentra* that Mrs. Boom brought from Moore's Rock last May and set out by the big boulder just southwest of the cottage are a mass of leaves. The Regal Lily has no signs of appearance yet. The heavy snow has broken the tops of half the white Pines Miss Boom set out with great care some four years ago just n.w. of the house by the road. It is a shame. A fire that got ahead of the men on the east slope of our hill has apparently killed 2 or 3 good Norway Spruce at the south end of the clump west of the cottage.

All nature is very beautiful. A soft & delicate green is beginning to cover the landscape. They tell me that two or three days ago, there was no green.

Cambridge, Mass to Shelburne, N.H.

1920

May 18

(2)

road way but is bursting. The birches are throwing out their pendent catkins and soft green leaves. The shade is putting on a white coat of flowers, the poplars show a silvery green color, the maple are in flower and the interval is green.

As I sat in the piazza a few moments before supper. I saw a Wood chuck sitting erect in the interval just over the creek. I saw one running across the field on the way up from Portland.

At our front door is a concrete floor and a shelter over it, both necessary -

As we walked down to supper we saw where the brook by the Pine Grove had played havoc with the path in the winter on account of the heavy load -

We met Mrs. H.M. Whitney and Miss Kittie Fennison who have been at the E. Martin cottage. We had a pleasant supper together. Miss Fennison goes to Cambridge to-morrow.

On the way up from Portland we saw much *Houstonia* & *Dandelion* coloring the fields. *Equisetum arvense* lined the track in places, the flowering stalks and leaves sticking up -

My foot troubles me and I trust that we can overcome it.

Salix alba L., var. *vitellina* (L.) Koch
Large roadside trees opp. the P.O.

1920
May 19

Shelburne, N.H.

Clear, with a light haze, sun bright, air balmy
warm in the sun.

A good deal of to-day has been spent in getting
things here to rights.

This morning we walked over the Scudder
Pasture and a short way up the slope of the
Blue Trail. The fresh green is exquisite. A
few plants are in flower *Viola renifolia*, var. *Brainerdii*
Trillium undulatum. Everything is bursting forth where
a few days ago all was hidden.

A short stroll after dinner by the tennis court
showed the Dog's Tooth Violet and Anemone (Wood)
in flower. *Viola septentrionalis* is very abund-
ant in flower over the upland pastures.

On the ground in the woods among the White
Pines are branches, torn from their tops by the past
season's gales & storms, covered with the young
cones of last year. They are generally rather
hard to get, owing to being at the tops of the
tall trees on slender branches.

White Pine
tops torn
off by storm
also filled
with young
cones.

My friend Jimmie left by this morning's train
I was sorry to see go little of her.

This evening we used the celestial telescope and saw the
setting new moon, Jupiter \odot , Mars \odot , Saturn \odot , besides
Spica, a flickering light. Time 8:30, air balmy, hylas singing.
Pinus Strobus L.

Three
Planets.

Small branches with last year's young cones, torn by
wind & storm from the tree tops - See note above.
Viola renifolia May, var. *Brainerdii* (Greene) Fernald.

File 2, Brainerd

Small flowering plants in woods on Cabot Blue
Trail. Same station as on trail 14, 1919 -
Viola septentrionalis Same as *V. renifolia* above -

Apr. 20/1920

File 2, Brainerd, Apr. 20/20

I weigh to-day 169 lbs.

Shelburne, N.H.

1920

May 20

Clear, clouding in P.M. warm in midday.

This morning we walked up the road to Hamlin's and then on the woodroad to Mill Brook and up to Bowls & Pitchers, returning over the Stony pasture by Sprague's boulder & back by the yellow trail -

Thin Brown filled my box and a bag with *Epipactis* which is scattered through the woods and is now in flower. I saw nothing in flower that I didn't see yesterday.

Mill Brook is quite full and it dashes over the Falls and surges round in the Pot Hole finely. I haven't been near the big boulder for a long time and was much interested in walking round it and finding the position from which Mr. Sprague painted it. We got home in time for dinner - my foot did not trouble me at all.

This afternoon I went up to the Emerton Cottage with Mrs. Whitney and made a survey of the garden and on my return wrote a detailed letter to Prof. Emerton. Neither his nor my Reply has made an appearance, but Thin Brown found the healthy sprout at the Cottage a short way below the surface. Prof. E.'s *Lilium candidum* is 6 in. - 1 ft. tall, *Lupinus* up, Yellow Rose Bush in young leaf.

I wrote a letter to Lucy who is 78 on the 22nd May, and we sent a box of Mayflowers to her. This evening we talked with Gus & Lawrence a while before coming home. Thin Brown sowed Nasturtium & Portulaca this P.M.

Shelburne, N.H.

1920

May 21

Cloudy morning, turning to rain this afternoon.

It has been chilly today and we had our first fire in the sitting room fire-place.

This morning we walked on the Red trail to Cabot Brook, and found it covered with ice for some distance, in places a foot thick. We followed the path along the Spottedwood Bay outlet, but the violets were not yet in flower. *V. nephrophylla* & *trorae-an-glica* came from there last season. We returned by the Leighton wood-cattle road & called at the Leightons' house not yet opened. We strolled over the interval home - Rm. at home, printing & Co. in town and at home taking dressing.

As I approached the Yellow Gate this morning, I saw a good-sized Eastern Snake lying outstretched on the short grass. He was 2 ft. long, a dark chocolate brown on back & sides, with a lighter streak down the back. As I poked him with my stick he swelled to twice his size, changing his color to ^{short} rufous brown, with white lines throughout, at right angle to body. He seized my stick in his teeth. ^{next him so.}

Lysia canadensis (L.) Carr.From tree close to *Ribes* below.*Juniperus communis* L., var. *depressa* Pursh

Large old plant, dry woodland, back of Leighton barn a few rods - there are 3 large & small plants on the farm.

1. *Salix cordata* Muhl.

Large clump. Leighton interval, S, by creek

2. *Salix cordata* Muhl.

Large clump. Leighton interval S, by creek, some 200 ft. S.E. of Salix 1.

Ribes prostratum L'Her.Flower. trailing in swamp over dead logs, near *Viburnum* below *Viburnum lentago* L.

Young leaves - Same shrub as of June 7/1919, Leighton woods near junction of his two wood roads -

- This flowered ^S in Harriet ^S King arrived to-day -

Shelburne, N.H.

1920

May 22

Heavy clouds, mist, and rain and chill all day.

To-day has been spent under cover -

This morning I spent a large part of it with Gus by fire in the sitting room of the farm. We had a real nice talk over very many subjects of mutual interest. Gus went through a fiery ordeal in the hospital, and he must be careful in the future in regard to how much he does and what he eats.

This afternoon I wrote a long letter to Capt. Munter in reply to one from him, and then we went over to the Smeaton Cottage and sat with Mrs. Whitney before a fine log fire. She read us some extremely interesting letters from a friend of hers in Vienna, which show the intense privations undergone there.

At supper I met Howard Philbrook who came down from Connecticut Lake this afternoon. He brought with him 3-16 trout ^{from} Conn. Lake two trout (square tails) and a card-locked salmon. He caught one of the trout which weighed three pounds.

This morning I inspected our hill in regard to the fire. It ran over the south and east side pretty effectually and I fear has killed most of the *Rubus* *vermontanus* near the big boulder. It will take at least two years for it to regain itself, if it does - Even at home.

Sambucus racemosa L. fl. Shrub on S.W. slope of my hill.

Shelburne, N.H.

1920
May 23

Clear, brilliant, cool, clouds come in P.M.

This morning we walked down to Wheeler's Pond. The air was fresh and crisp, and in the woods just east of the Farm a Hermit Thrush was sending forth his heavenly notes. The Wheeler house is still closed. At the Pond, the Leather-leaf is in flower and on the borders the Shadbush is snowy white with bloom. Miss Brown immediately began to gather May-flowers and she quite filled my box. I collected a few plants - We returned in time for dinner -

This afternoon I sat talking some time in the sitting room - I like to talk with Gus and the rest, for when the crowd is here it is not so easy - At the cottage I put plants into press, changed dresses and wrote - Then I called upon Mr. & Mrs. Day at Lawrence's and had a very pleasant talk. They were all at supper and the youngest child was by the table in her little chair, hammering away with a spoon on the board in front of her.

After supper I had a long talk with Gus & Lawrence before coming home -

Picea rubra (DuRoi) Dietrich. Dry slope by Wheeler Pond.

Amelanchier

Dry roadside near Evans house 8-10 ft tall

Amelanchier laevis Wiegand.

Flower, abundant by Wheeler Bog - 10-15 ft tall

Chamaedaphne calyculata (L.) Moench.

Flower, Wheeler Bog.

Shelburne, N.H.

1920

May 24

Clouds Am. with a fine rain about noon. Rain in P.M., air full of moisture. Rather chilly -

(1) This morning we took a walk up the Red ice on trail. At Cabot Brook the ice is still there. Cabot Brook By the bank it is 2 ft. thick, growing thinner towards the middle. I walked 30 paces down the brook on it. The water is some way below the ice.

We visited the *Cypripedium arietinum* spot. *Cypripedium arietinum* There are six (6) shoots from 3 to 6 inches tall. 6 shoots

We examined the spot where Miss Brown set out the Calypso bulbs last year. Nothing there. At this point we turned and got back in time for dinner. We collected some plants on the way -

This afternoon I was much excited to receive through the mail a big bundle of Paris cards from Mr. Henry Eldys. There must be 200 of them. I have written him ²⁴⁰ by count a long letter to Silver Spring, Md. He sailed for home on May 15. I shall go over the lot with much pleasure, but for critical work must wait till on return.

Mrs. Whitney came up at 4.30 and drank tea with us and we had a pleasant talk. She was much impressed by the Turner pictures on the walls.

The evening was spent at home writing and reading -

I find my time pleasantly occupied all the time. I cannot imagine how with nothing to do. It took a good while this afternoon to lay out my plants.

1920

May 24

I collected to-day, this morning:

(2) Picea rubra (DuRoi) Dietrich

♂ flowers from the large spruce between the cottage and the gate. The spruces are now laden with the ♂ clusters; bright red, oval, nearly round, pointed. They lengthen and lose their bright color when they throw the pollen. I hope to get the ♀ fl. The cones mature the first year.

Taxa canadensis (L.) Carr

♂ flowers, slope of Cabot. They cover the tree with a nearly globular cluster of stamens. I hope to get the ♀ flowers. Leighton Farm.

Chrysosplenium americanum Schwein.

For the first time I have found flowers of this species here. The plants are in Cabot Brook, Leighton Farm, a little below where the Red Iron crosses it. Large masses are growing in the gravelly soil, and are now in an inch of water.

Amelanchier

Woods slope of Cabot near the base, Leighton Farm. A long spindling stem some 2 in. through and 30 feet long. The stem lies over the bushes, in light shade.

Viola incognita Brainerd, var. Forbesii Brainerd

Southern lower slope of Cabot. Leighton Farm. Lateral petals bearded. Every plant examined.

Viola renifolia Gray, var. Brainerdii (Gray) Fernald.

Southern lower slope of Cabot. Leighton Farm. Lateral petals beardless. Out of a large no. of white Viola collected, two only have bearded lat. petals. all

Viola rotundifolia Michx.

Southern lower slope of Cabot. Leighton Farm. from E. Brainerd
Nov. 20, 1919.

Shelburne N.H.

1920
May 25
1

Clear sunny with some clouds, mild.

This morning we took a walk with
 Depot. Stopped and chatted with Mr. Leighton
 who will settle at the farm tomorrow. He
 spends the winter in Silead. In front of
 our cottage this morning we saw for some
 time in the spruces a beautiful adult
 Blackburnian Warbler. Wonderful color.
 He strolled on to the bridge with its
 splendid view and lingered a short time
 at the depot. Nothing growing there
 as yet. Home in time to pot the
 plants in press, before dinner.

This afternoon the Min Kings called
 and we drank tea, and had a long
 talk.

They gave him brown and planted in the garden
 Sweet William, Four-o'clock & Canterbury Bells,
 Phlox. Evening at home. The telescope showed at

The planets & moon finely.

Picea rubra (Burk.) ^{Mill.} ~~Mill.~~

I collected to-day:

♂ cones, shedding pollen freely - Trees by Cottage

Populus deltoides Marsh. (Grass p. lat. planted by Mr. Leighton!) ^{see} May 28
 Growing spms. small tree, inside fence, grassy intervals, uncultivated,
 Same tree some 15 ft. high, as of June 29 & Aug. 28, 1919.

Amelanchier stolonifera A. N. S. & A.

Small plant 1 1/2 ft. high on rock ledge near the Cottage.

Prunus nigra C. L.

Fl. specimens for shrub, S.W. corner Philbrook Farm, N. of road.

Quercus rubra L.

Fl. from tree river border, N.W. corner of Shelburne Bridge.

Sheelburne, N.H.

1920

May 26

(1)

Clear calm very warm in the sun -

This morning Miss Brown & I started on an adventure to find where the brook flowing across the Red Trail some distance up emptied. We followed the Trail to the brook and then took to the woods and traced it down to the bottom. It flows about west and then emerges from the woods and spreads out over a grassy area on the edge of Spottiswoode Swamp. It has two branches both of which empty into the swamp, not far from each other. We made rather a difficult descent, but the brook was very attractive - then we coursed on west, around the Swamp, crossed the line fence into the Hamlin Farm and pushed through the trees and soon found ourselves at the Sugar House. We then took the Yellow Trail to the spot where the brook empties its waters across the road by the High-ton road. We followed the bed, the water flowing through and soon disappearing under the soil, reappearing 123 paces farther on and soon joined by the brook that came from the Philbrook Reservoir. The dry portion of the brook is where I have collected Laportea canadensis.

We got home a little late for dinner and I was rather tired. We covered some three miles. Mr. Philbrook says that the brook we followed is the real Cabot Brook and the one he uses is a branch of it - The

Shelburne, N.H.

1920 Latter brook, though smaller, lasts longer during
May 26 The season -

(2)

Before going this morning on our tramp, 849 flowers
Red Spruce
Lawrence came up with a long pole and a
cutter on the end, and we brought out the
step ladder and he cut off an end of a
Red Spruce branch from one of the two
trees near the pasture gate in front of our
cottage. The branch was covered with young
this year soft cones just getting fertilized
by the droves of pollen flying now
from the ♂ flowers that cover the
tree in thousands - I never saw
them before -

This afternoon I rested, reading on the piazza
and writing. Evening also at home -

I collected to-day:

Picea rubra (DuRoi) Dietr.

♂ + ♀ flowers from the tree noted above -

Tsuga canadensis (L.) Carr.

Same tree as May 21, ♂ + ♀ flowers young -

Chrysosplenium americanum Robinson.

Fl. specimens Cabot Brook, Little Brook at
junction of brook and reservoir branch,

Viola incognita Grained, var. Zoberii Grained

South basal slopes of Cabot - petals bluish

Viola reinfolia Gray, var. Grainardii (Greene) Fernald Lies E. Grained
South basal slopes of Cabot - petals, bluish, var. 20/1920

(Greene) Fernald

Viola reinfolia Gray, var. Grainardii - petals bluish
Shrub, woods, Grained from - same place as above, petals

Shelburne, N. H.

1920
May 27

Clear, light wind, very warm. Mercury 84° max.

I have not walked to-day owing to the heat. This morning I wrote, and I finished reading Copenhagen's "The Last of the Marionis". It is long since I have read a novel, and I enjoyed it.

This afternoon we both drove with Mrs. Lawrence ^{and her} to Gorham and half way ^{to the Glen} to the Glen. Her two babies were in the car, too. It was a lovely drive, but about a mile beyond the Gorham line the car stopped and nothing would start it. So we waited till somebody came along. They couldn't start it, but they sent a man back from Gorham. He arrived in time and was an acquaintance of the Philbrooks. After some time he found something clogged by impure gasoline, and at last we were off. In meantime, I had wandered about. *Trillium erectum*, *Streptopus roseus* &c were very abundant by the road.

At Gorham we stopped at Shorey's new place. He has bought out Barrett's store and now runs that, and his photographic work together."

We got back home by about 6.00.

Mrs. Whitney returns to Boston to work at H. A.

I am astonished and grieved by getting a letter from Ned Reed to-day telling of the sudden death of F. S. Collins at New Haven. No more secrets.

Taxus canadensis Marsh.

Glen road, Gorham, about 1/2 mi. fr. town boundary. Roadside. A large clump covered with 3 flowers. I hunted in vain for a ♀ bush -

Shelburne, N.H.

1920
Mar. 29
/

Clear, mild, pleasant breeze -
It was been an ideal day, - This morning
with Gus & Lawrence I drove to Gorham
on 5 split & me time. I saw Mr.
Hamlin, Mr. Bennett, Judge Evans with whom
I pleasant talk, also I called at the new
Shorey apothecary store &c. The apple ^{Apple trees}
trees are bursting into bloom and in bloom.
The scene is very beautiful.

This afternoon Gus, Lawrence & I drove
down to the Brown farm and saw the
working of a Gordon Tractor with a
Tractor Plow attached. A no. of people gathered
to see the operation. The plow dug 2 furrows at once.
The Brown men in care followed around - I took
a number of photographs. 2 1/2 x 4 1/4 -



Depth Adjustment Easy

At supper I met Mr. F. H. Cabot & his son ^{George B. Cabot, new teacher} who are here
for tonight. Mr. Cabot is bro. of Fred & Steve Cabot pupils at John
Hopkins's school in my day. They came up to the college and I showed
them the planetarium & we had a good talk. The Trines King came too.
Mr. Mrs. F. C. Curbing of Portland Me. came in their car this P.M.

Boston Transcript

224 WASHINGTON STREET, BOSTON 8, MASS.

(Entered at the Post Office, Boston, Mass.,
as Second Class Mail Matter)

THURSDAY, MAY 27, 1920

RECENT DEATHS

FORMERLY RESIDED IN MALDEN

Frank Shipley Collins, an Expert Accountant, Was an Authority on Botany and Research Work

Frank Shipley Collins, formerly for many years a resident of Malden, where his home was at 97 Dexter street, died on Wednesday in New Haven, Conn., in his seventy-third year. He was born in Charlestown, but went to Malden to live when a boy, and he was a member of the first class, that of 1893, to be graduated from the Malden High School.

He later became an expert accountant and for many years was employed as such by the Boston Rubber Shoe Company. Mr. Collins was of Cape Cod stock and on his retirement from business he went to the Cats to end his days, as he thought, but the United States Rubber Company induced him to return to his former vocation in expert accountancy, and he was thus employed at the time of his death.

Mr. Collins was deeply interested in botany and gave his leisure time to research in this science, and he was long considered an authority on algae, upon which branch of botanical study he had written considerably. He belonged to the American Academy of Arts and Sciences and to the Middlesex Institute, of which, many years ago, he was secretary. Tufts College gave Mr. Collins the degree of Ph. D. He is survived by his wife and two sons, Frank Collins and Richard Collins.

Shelburne, N.H.

1920

May 30

Clear, calm, mild, warm at noon, glorious.

I had a long talk with the Cabots and the Cushing's this morning. The Cabots drove up w the Whitney Darn and bought his fine little engine, w took to Murray Bay, Canada - Rest of the morning at the Cottage writing, changing orders, etc.

This afternoon the Cushing's took us to drive. Irvine L. Prince, a young man who takes care of the car drove us. He lives in Portland and is about to graduate from a business school. We drove as far as The Glen, going quietly and stopping wherever we wanted. The air was delicious and the view fine. We got out at the Glen and studied the view for some time. Returned before supper.

The Cabots went back to Boston this afternoon.

This evening Ida, Grace & Mrs. White came up and showed us the telescope & planets. Later Mr. & Mrs. Cushing and I went came out and had a very pleasant time with the telescope. The clear sky revealed every thing Jupiter (4 moons), Saturn ~~and~~, Mars, & Moon (nearly full).

I collected to-day:

Taxus canadensis marsh.

♀ H. Glen Road, outside. It was a great joy to see these flowers - w 9 have ♂ & ♀ too. ^{2 found also ♂ & ♀ fl. in the same nest.}

Salix discolor mud.

Flair by the gravel, dry road near the cottage.

Salix rostrata Richards.

Same place as Salix above.

auto ride
to Glen

Shelburne, N.H.

1920
May 31Fog in early morning, clearing, hazy, calm hot.
May. 87°F.

It has been too hot to be active out of doors to-day. I cut down two least caterpillars ^{don't caterpillars} nests for a cheer, over near the cottage. This P.M. we walked over to the Emerson paid a Emerson and I inspected it. The Royal Tit is about ^{Royal Tit} 2 in. above the ground. Our last not appeared and I fear it is doomed.

The next few days I have been busy in the house, largely over my accounts. L.H. Bailey writes me a good letter and I promises me a good number of Branches of Rubus when I return to Cambridge - that will be very nice.

After dinner we went with Gus to the Emerson cottage and inspected the garden. I want to write Prof. Emerson about it. The Hausies are again and Miss Bonner brought back a very large number from which she made seven dishes of them and distributed them.

After tea Mr. & Mrs. Cushing took us to drive some 3 or 4 miles down the road and then back as far as Gates Cottage. The fall worm added to the scene.

Picea rubra (DuRoi) Dietrich

This morning with the shears on a long pole I cut off a branch of the Red Spruce near the top covered with the young rose purple cones. They are very beautiful. The ♂ flowers have thrown their pollen and are withered. The tree is on a rocky ledge just a few rods west of the house.

Shelburne, N.D.

1920

June 1

A few clouds, a haze from forest fires over the landscape. Intense heat - Max. $90^{\circ}F$. $84^{\circ}F$. at 5.30 P.m. Air still -

It has been a very hot day and I have not thought of walking anywhere. Nobody have moved from the house -

This morning I had a very long and pleasant talk with Mr. Cushing on the piazza of the farm house. He told me a good deal about the Maine Savings Bank of which he is Treasurer.

I have written several letters today.

This afternoon we drove with Gus & Lawrence to the Whitney Cottage which Gus is putting into shape for the Stones to occupy. We went over the house and I looked at a number of books and some statuary that belonged to him Whitney. The statuary was her own work.

This evening the Cushings took us to drive again into the Ring. We went straight to Led Line Bridge and round by Shelburne Bridge and then repeated the circle. It was delicious and cool, a great change from the heat of the day.

It was a great pleasure to receive by the evening mail a letter from A. B. Carr from Vinland of May 16. He always tells me very interesting things about his family and about the things in the island. Fred, his boy, is going to West College in the Fall.

Auto ride
round the Ring
done

Shelburne, N.H.

1920
June 2

Smart Shower about 3 A.M., day hot and dry
haze from forest fires Smart Shower this evening

Mr. Hurs Cushing took us to-day on a very ^{Auto ride} ^{round the} ^{mountains}
delightful drive. Its special charm was the
very friendly feeling and the freedom in our
movements and the moderate rate and the
readiness to stop anywhere - We circled the
mountains via Glen Road, Crawford Notch,
Nashville House, Randolph, Gorham & home.
The views were absolutely perfect, the way
not a setting taken. We paused long to
see the Lake Umbagog & the ^{Hamlin} ^{Hamlin} ^{Hamlin}
Ravine and the water falls, now a strip
of road, between. We lunched in Crawford
Notch by the river, sitting in the car
and bathing our faces and hands, in the
river.

We paused and got out to see and wonder
at Silver Cascade which is a famous waterfall
far beyond what I ever saw there.

We visited the Hamlin (not open) and
walked round the place, and over the piazza -
The view is wonderful. We stopped at
Gorham and I had a word with Mr. Shorey
whom I could not see yet. I talked through
a screened window into the developing
room. We got home at 5.30 P.M., distance
a little over 100 miles -

Prof. & Mrs. T. W. Thorne have arrived
this P.M. at the same time. He is a
Professor in the Dartmouth College.

20 Newbury St.
Boston

Shelburne, N.H.

1920

June 3

Rain in the night, cloudy day, sharp wind, chilly -

I was glad to rest to-day after the ride yesterday. I have gone over the plants in press and I have written several letters and read some in Dark Hollow to Anna Christina Green.

This afternoon we walked on the Red Trail nearly to Cabot Brook where some Hemlocks are growing and I collected ♂ & ♀ flower. They are extremely interesting -

♂ + ♀ fls of
Tsuga canadensis

It is a wonderful provision of nature that provides these coniferous trees and also *Tsuga canadensis* with ♂ & ♀ flowers, the ♂ in immenses profusion, each ripening at the same time, and the scales of the little cones gaping to receive the pollen, and then closing till it is time to discharge the seeds. Even some trees like the White Pine have their cones on the extreme top, while the Red Pine bears cones very low, even within a few feet of the ground. Some take but a season to produce & discharge seed while others take two seasons. I am making specimens of these flowers as far as I can get them. Evening at farm house & home.

Tsuga canadensis (L.) Carr.

♂ + ♀ fl. from tree on Red Trail just south of Cabot Reservoir Brook. The scales of the ♀ fl. are gaping to receive the pollen. I put in press a spr. of ♂ fl. in fine condition coll. May 26 in young fls. See former date.

Shelburne, N.Y.

1920

Jan 4

Clear, calm, pleasant day -

This morning the Cusheings took us to ^{the} Cottage. Then Mrs. C. remained in the car and the Cusheings, Givins, and I walked. The foot of the hill by the usual route. There was much loose brush in the way, but it was picked up.

I examined the ^{Carthagen} ~~Carthagen~~ ^{and off} ~~and off~~ ^{see if} ~~see if~~ ^{it was in force.} ~~it was in force. ^{It was put out June 2} ~~It was put out June 2~~ ^{flat year.} ~~flat year.~~ ^{Alas, it was put out, and, as} ~~Alas, it was put out, and, as~~ ^{early, I put it out earlier.} ~~early, I put it out earlier.~~ ^{Some of the} ~~Some of the~~ ^{ovules were exposed.} ~~ovules were exposed.~~ ^{The main stair was in} ~~The main stair was in~~ ^{fine shape.} ~~fine shape.~~ ^{He returned at the door} ~~He returned at the door~~ ^{on the} ~~on the~~ ^{the square house - his} ~~the square house - his~~ ^{superior} ~~superior~~~~

This afternoon we again drove with the same party to Berlin. The air was near clear ^{city and} ~~city and~~ ^{at Berlin} ~~at Berlin and we had superb views all the time.~~

Berlin is a remarkable city, not at all attractive, but certainly very interesting, when its present state is compared with that of the '80's when it was a small town and we would drive there on an all-day excursion and picnic on the island where now rises from its entire circumference a huge mill - The ladies did a bit of shopping and bought some pret cake - The return was equally pleasant - Entire time three hours.

At 6:15 P.M. saw 8 x 2 ♀♀ Humming birds was at the time Humming Birds of the ^{trouble} ~~trouble~~

bler chasing each other & drinking -

Evening in the sitting room, farmhouse, a group talking -

One on drive this P.M. near Leighton House, we ran over and killed a woodchuck.

Shelburne, N.H.

1920
June 5

Rainy day, very chilly, mercur 58°F. max.

It has been a very disagreeable day outside, and we have huddled the house.

I have been variously occupied. Little Sarah Thorndike called and brought some ~~leaves~~ of the valley that were growing by the Casino. She is a dear child.

This afternoon Mr. & Mrs. Cushing, Ervine and Mr. Stoughton, a cousin from Rockledge, who arrived yesterday, came up to the cottage and sat by the fire. We had a very pleasant talk.

This evening we staid at the farm house engaged in conversation and games and puzzles. Our friends are bright and cheerful and it is pleasant to be with them.

I have read by the fire for some time to-day in Dark Hollow and I am much interested in it. It is very cleverly written and of course is a detective & a mystery story. It has been a frivolous day with no botany.

My plants must be nearly dried now. I shall not collect much this season. New plants come in slowly, and I do not need more of the common species, except in some instances, such as ♂ & ♀ fl. of certain trees and the like.

All are well in Cambridge.

Shelburne, N.H.

1920

June 6

Misty, rainy, chilly, winds very loud, max 57°F.

Today has been spent in conversation at the farm house in conversation, in acctg., letter writing, &c. Mrs. Thoudike & Sarah called this afternoon.

After dinner with Mr. Cushing & Corvial I took a short stroll during a let-up in the rain through the Scudder pasture. The mosquitoes are bad in the woods.

This evening, we dined at the farm house till 9:30. I had a very satisfactory talk with Mr. Stout. He lost his wife just a year ago. He is an architect, and lives with his mother in Brooklyn, N.Y.

I have indulged today in Dr. Holmes and find that I get much interested in the working out of the mystery. It takes a clever person to write such a book and hold the threads together.

The bad weather and the unhappy condition of my right knee & foot are going to handicap me very much, I fear. Unless I have my foot carefully protected I find it painful to walk. I can't see why the foot troubles me. It seems no better since a week before I came up here.

I changed the dress of my plants today and the work we are out of press.

I weighed to-day 172 lbs.!!

1920
June 8
(1)

Shelburne, N.H.

Trip to Echo Lake, Old Man of the Mountain,
Franconia, Bethlehem.

Clouds lifting in the A.M. and giving
uninterrupted views, air mild, calm.

This morning, once more as guests of Mr. Thos.
Hewitt & Cushing, we started with their cabin
Truck Wm. A. Smith of Brookline N.H. in the rear.
Started at about 10.30 A.M. Our course
took us through Gorham, past open Weymouth
with all the glorious views of the region in-
cluding. Then we turned south, skirted Cherry Mt.
past the slide on Cows Head and came out
on the Ammonoosuc River at the Fair Mountain
House. Then we crossed the river and kept
straight on, with the Ruessle and the river
on our left, till we suddenly emerged from
the woods, and came up on the slope of
Bellevue before the wonderful view of
Franconia notch. I think that view one of
the finest in the mountain region.

Eagle Cliff towers above the lake and the
narrow notch between Lafayette and
Mount Ascutaw Mountain lies just beyond.
Here we pause, ate our lunch, wandered a
little into the woods, collected a few plants
and spent some time at the post.
I got a few violets in bloom. *Linnaea*
 borealis was in full bloom. *Androsace*
was just past bloom. *Cypripedium* was
in bloom, the rose purple and the
white forms. The first trouble some of
the members, but not me.

1920
June 8
(2)

Shelburne N.H.
Trip to Echo Lake, etc.

Leaving the Lake we went on to Profile
Lake and passed at the road for a mile
of the Old Man for some time. Then
we turned and took the road straight
to Franconia village, following Belknap
Brook and Gale River, branches of the Cannon-
moccasin River. Here we took in some game in
the river. The view west was fine, including
Sugar Hill with the 'Tide-Off' road as
it cut across the spot. We then visited the
Forest Hills Hotel in Franconia on a magnificent
site above the town, commanding a view of the river
and the mountains. From there we
drove on to Bethel, N.H. and drove through
the entire length of the main road lined
with the hotels & boarding houses with
the view of course very magnificent. See map.
Stopping down the hill we reached the valley
and drove on. We came out taking the valley
road in Jefferson. Home by 6.30. Distance 107 m.

I collected

Cypripedium acaule L.

White fl. rich wood, n. shore, Echo Lake Franconia, Belknap Co.

Viola cucullata L., *Viola microphylla* } 750 E Brainerd
" *pallens* (Banks, Brainerd.) } Nov. 20, 1920.

Blue & white; boggy, n. shore, Echo Lake, in grass. Franconia, N.H.

Prunus virginiana L.

Border of wood Franconia village, Belknap Co., Profile Lake

Syringa vulgaris L.

Flowers, shrubby, abundant near, s. shore, Bethel, Grafton Co.

Shelburne, N.H.

1920
June 9

Clear with clouds drifting, breezy, mild.

I have not done much out doors to-day. I laid out, with help, the plants I collected yesterday and I have written some letters and revised. The trip of yesterday was a great treat but naturally it was one that would have a person not used to it.

This evening the Cushings, Mr. Strout & Emily came up and we had a very nice talk and all saw the place to which we are very clear to - right - Mars is at about its nearest approach to the earth (35,000,000 miles). It can be 7 times further off.

A Red-eyed Vireo sang today from the elm tree just east of the cottage, from the time I arose, about 6.30 A.M. till 5 P.M. incessantly all day whenever I was where I could hear, and, have been within hearing distance, with short intervals, all the time.

The Humming Birds have been very active at the tumbler, performing all their many antics, as I sat very near. Two faced each other over the tumbler, with outstretched tails, showing the white bands, and various motions, so as to appear for a number of seconds.

In the elm just east of the cottage all through the day has come a number of a little bird - or a white warbler - a pair of whistlers or young birds? Young birds perched all over in the cottage.

Shelburne N.H.

1920

June 10

Clear & cloudy, rather warm, calm.

I have been quite at home to-day.

This morning, the Cushing's, the Strout & Burns
 & one went to Great Falls to Asincoos
 Dam and will return tomorrow.

I have had a good talk with Lawrence
 & Gus and I have worked at home and
 read "Short Stories from the Spanish" Explained
 by Charles B. McMichael, classmate. He is a
 Judge and he sent me the book, as he probably
 to all his classmates. They are beautifully
 translated.

After tea Mr. & Mrs. Baker new comers came
 & wrote to the cottage and we had a
 very pleasant evening talking. At about
 nine o'clock the sky suddenly cleared and
 revealed the planets. We listened out
 and had a good look at the stars. The
 flies, unfortunately are pretty thick.
 Later I showed our guests back to the
 Shack.

A Hermit Thrush sings almost continually
 now in the near woods directly north of the
 cottage. It is a rare treat to hear this chosen cottage.
 songster from the bush. The female must
 be sitting - I have heard this bird now for
 a number of days. I don't remember a
 Hermit Thrush located just here at this
 season before. In the woods back of the Smartin
 cottage, a Hermit is generally heard at this season.
 The young bird yesterday peeped more or less today.

Hermit
 Thrush
 sings in
 the
 woods
 near the
 cottage.

Young bird
 peeping

Shelburne, N.H.

1920

Cloudy Am. breaking during the morning, and
sun shining hot - Clouding in P.M.

This morning we went a little way down the road and over to the Knubble and over the Phillbrook interval to the river on the way leading to the Island. The time was spent in collecting insects for the Boston Society of Nat. Hist. We got quite a number. The party who ~~came~~ ^{stayed} for their trip ~~to~~ ^{to} Fins. having had a very interesting time.

After dinner Mrs. Thorne & I
and we had a pleasant talk.

We also put the insects of the morning in the box all 6 directions, laying them in the box on a sheet of sheet cotton, and spreading a little naphthalene on the floor. We collect a sheet in vials of insects and laid on them on top. In this way the vial is filled. The insects receive only a light preservation. It is a very different method from the one in the bottle of alcohol.

This afternoon who she ^{appears} we could see
Mrs. Charles Rindin, Mrs. Macmillan, Andrew and Mary.
They came up today from Cambridge and stay till Sunday
or Monday - Mrs. Macmillan goes to the city soon - Mrs. Rindin
stays in Cambridge at the Madams !!

Prognathus vittatus (Aud.-r.) Ell. 76. n.

Comus stolonifera Michx.

n. w. base of Kaibab, flower
Prinus resinosa Ait. same tree as June 7 - 3 generations of cores.

Shelburne, N.H.

1920
June 12

Wonderfully clear and calm and mild. The
light clouds in blue.

This morning Mr. Cushing, Mr. Street,
Mrs. Brown & I with Corvone drove to the
foot of Crag, and walked to the top.

The absolute purity of the air made the
view more beautiful. I think than I ever
saw before. We lingered on the top for
some time scanning the mountains and
the near views. We returned for dinner.

I stood the climb very well, as usual,
my knee and arm, but I see that I
can't do what I used to do.

This afternoon I rested and wrote some

The evening I spent at the farm
house talking to the people, my good friends
from the old farm, the Kings, Cushing's
&c. The beautiful set of Skyland, N.H.
violet sent me by Miss Susan Cheppard
I exhibited and explained. They were
much as usual.

The great excitement was when
Laurens came in and announced
the candidate at the Republican Con-
vention was elected, and that the
vote had gone to Senator Harding.
by a bolt from both Wood & Lowden
who were leading for ahead with
Johnson, third. This is most inter-
esting news. The evening paper -

Sutton, N.H.

1920
June 13

Arose with clouds & sunshine, evening light cool.

I spent this morning & afternoon at home mainly, writing letters and doing a little botanical work. I also talked with friends at the farm.

This evening the Cushing's took us on a last drive. We then got to the road in front of the house. The sunset was glorious. We drove up the north side of the river, crossed the new Bridge and turned at Charles Peabody's, returning the same way. The air was fresh and the clouds were fine.

Evening
drive
with the
Cushing's.

On our return I found that Richard Henshaw had got back from his tramp with Mr. Overfield. They had gone to the Glen in Weyfield's car, driven up the carriage road as far as the 2 mile post, left the car, taken the Raymond Trail climbed Hunting Irons Ravine, gone to the top of the mountain, then down Tucker's Ravine, in by the Raymond Trail to the car, and home. It was a fine tramp and they did it all successfully. We had a very talk over the route.

Henshaw
Tramp
7.1
Overfield &
Cushing's.

Then I had a pleasant talk with Mrs. Rantoul and Mrs. Henshaw. They go to the road tomorrow, perhaps Tuesday. We have just by the way, the Haswells who go to the road.

Shelburne, N.Y.

1920

June 14

Clear, with light breeze, breeze, warm.

The house is clearing out, to be well finished soon. This morning Mr. & Mrs. Haskell went, and after dinner our very warm friends the Caskings and Mr. Stout with Ervins came - us gave us and started in their Cadillac for Portland. They have seen very dear and sympathetic friends and I shall miss them very, very much.

I have been at home mostly to-day, busy in one way or another. The warm weather and small chance of new plants keep me from trampin' about. The lot and foot are, I feel sure, improving very much, but I must be careful.

This afternoon Mrs. Macmillan, Mrs. Rantow, John, & the Misses King came up and we had a very social talk, and drank tea and ate cheese crackers &c. It was very pleasant.

This evening I invited the farm hands to the house, and gave them, so in all, a talk on Jupiter, Saturn & Mars. They were very interested and asked many questions. It is a great pleasure to show the telescope to such.

The flies & mosquitoes are very thick as well as the mosquitoes. It is so all over the region.

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FRIDAY, JUNE 4, 1920

AUTHORITY ON ORNITHOLOGY

**Horace Winslow Wright, Harvard '69,
Had Made a Study of Bird Life**

Horace Winslow Wright, known in Boston as an ornithologist, died on Thursday at his summer home at Jefferson Highlands, N. H., after a brief illness. He was in his seventy-first year. Mr. Wright was born in Boston, but made his home at Abington, where he was president of the Public Library and a member of the School Committee for a number of years. He was a graduate of Harvard College in the class of 1869.

During his frequent visits to Boston and Cambridge, where his brother, Theodore Wright, was formerly a minister in the Church of the New Jerusalem, Mr. Wright made it his custom to be in the Public Garden at sunrise, in order to study the birds, and he frequently conducted classes about Greater Boston in hunting for certain species. He was an authority on the subject, and wrote several books and pamphlets used by students of ornithology. Mr. Wright wrote also an index, consisting of about 250 pages, to the New Jerusalem Magazine, from 1823 to 1872, covering forty-four volumes. He never married.

THE BOSTON HERALD

SATURDAY, JUNE 5, 1920

WRIGHT—Suddenly, at Jefferson Highlands, N. H., June 3, Horace Winslow Wright, in his 72d yr. Services at the chapel of the New Church Theological School, corner Quincy and Kirkland sts., at 2 o'clock, Monday afternoon.

THE CAMBRIDGE TRIBUNE

SATURDAY, JUNE 12, 1920

Horace Winslow Wright, widely known as an ornithologist, who passed away at his summer home at Jefferson Highlands, N. H., last week Thursday, was buried on Monday afternoon from the chapel of the New Church Theological school, where the services were conducted by Rev. William L. Worcester, president of the school. A quartet made up of school pupils sang "For All the Saints" and Miss Helen Philbrick as soloist sang, "O Rest in the Lord." The body was taken to Mount Auburn Cemetery. He was a brother of the late Dean T. F. Wright.

Shelburne, N.H.

1920

June 15

Slight rain in A.M., clearing, day clear & bright,
warm, 87° F.

This morning at about 9 o'clock, Mrs. Benton,
Mrs. Mrs. Miller, Andrew & J. then started in
their car for Boston, saying, then that Mrs.
Mrs. Benton will go to Cambridge to Tom Hart-
son's for the summer, Mrs. M. O'Andrew will go to
Detroit in the auto and John with Ellen to Detroit by
train.

I spent the morning at home, reading,
working, and my plants.

After dinner we walked as far as Wheeler
Farm, stopping to call at the Evans' cabin
way, but not seeing any one. We called on
Mrs. Wheeler and saw her and her daughter
etc. - We had a very pleasant talk - Mrs.
Wheeler is well and her come down to
stay - The mosquitoes are very bad -

A Hermit Thrush sing, said in the woods near the house, and this morning I heard
him as I rode, and during the day his note
was frequent - this came in the morning as
I worked & read - There must be a pair
nesting, very near -

Rubus allegheniensis Pursh. Low bending, cut near the ground. Not opp. Wheeler's Farm.
Roadside between Evans' house & Wheeler's - No seed case. July 2, 1921

Vicia rubra (DuRoi) Dietrich

Young ones - branch for Evans' house near Lake, as May 31.

Rubus allegheniensis Pursh. July 2, 1921.

Specimens for W. F. Z. of Lake, rocky slope.

Sue-Ann, N.Y.

1920

June 16

A very little rain; cloud at 3:30, mild.

I leave space between the Farm House and the Cottage. At the cottage I have written and read and moved about the place. There is nothing to collect that I know of just now. I have found on the slope from the Cottage to the Bungalow what I think is Rubus allegheniensis, var. Gravessi, not quite in flower. I shall watch it.

This afternoon after dinner I sat in the sitting room with Gus and we talked long over many subjects. I think he likes it. He tells me that his father's stone was put in place last October.

This evening I staid at the farm for some time. Sarah Thorndike, a cunning child, played some on the piano.

Rubus allegheniensis Porter, var. Gravessi Fernald
Flowering & new ones light shaded slopes
back of the Bungalow. Some arched.

F.H. M.H. 7. May 2, 1921

Shelburne, N.H.

1920

June 17

Clear with occasional sunbursts, cool.

This morning we collected insects in the intervals for a while and then returned to the Farm House and bade good bye to the Misses King who drove to Upper Gorham en route for N. Catham in n.e. corner of Carroll Co.

After that we walked down the road to Wheeler's Cemetery looking for Blackberries and insects. Everything seems to be allegheniensis. The mosquitoes were very bad. At 5 o'clock to dinner.

This afternoon I plunged trees and forest plants into pails and was busy generally.

Returning home this morning we went up to Prof. Emerin's garden that I might send him a report. Strawberries, s. half of the 8 runs gone. rest loaded with flowers & green fruit. Yellow Rose Bush, loaded with flowers & buds, no hips yet, Oriental Poppy, buds bursting, Oriental Poppy, many flowers. Lupine, one hand some plants in flower in south bed. Columbine & Larkspur, good flower -

- { Rubus idaeus L., var. striatus (Michx.) Maxim.
- { Rubus idaeus L., var. canadensis Richardson

Flower is specimens and new cane just n.e. of our cottage. Large clump -

Rubus allegheniensis Porter. Fide M. L. F., May 2, 1921.

H. specimens, road side near, n. and opposite Wheeler Cemetery, heading low in one case prostrate.

The only one case was the new cane -

(Rubus allegheniensis Porter, "possibly var. Gravessi Fernald")
Fide M. L. F., May 2, 1921.

Shelburne, N.H.

1920

June 18

Light rain most all day, clouds very heavy.
Cold, Max. 56°F .

The day has been passed mainly at home.
I am getting my plants dried as quickly as possible before the 21st.

I am reading with much interest
"The Four Horsemen of the Apocalypse" by
Vicente Blasco Ibáñez, July, 1918. Be-
tween 1918, July & the end of the year, the work
went through 45 printings. I think it is
a very powerful book, giving a powerful
picture of revolution, of the great war
the scenes in Paris, and the life in
South America on the big ranches
proceeding.

This evening Gus told me that he had House Wren
heard and seen at House Wren at the back of ^{at the} Bungalow
the Bungalow this afternoon. He found the
nest which is at the rear under the projecting
roof built out at the back on the west side of the
door. I must see them to-morrow.

From early morning till 6.30 when I went Hermit
Down to upper the Hermit has been singing
singing in the wood north of the Cottage.

Rubus allegheniensis Porter, var. gracilis Herald. Five m. L.F.

Flower, cut near the base, pressed in 3
sections, right shade back of Bungalow.
No new came with it. Stem smooth
[dried over the oil heater in just 2 days !!]

July 2, 1921

Shallcrume N.H.

1920
June 19

Clouds soon scattering, day clear, cool.

It has been a perfect day.

This morning after breakfast we went round to the back of the Barnyard to see The Wren's Nest. There it was in the fold of a piece of canvas tacked under the corner of the roof about 5 ft. above ground. The opening was entirely exposed and was very large. The bird flew off on our approach.



I have spent a good deal of time to-day reading "The Four Horsemen". It is certainly very fine. Wonderful acct. of the war.

This afternoon with Miss Cook, Mrs. Thorndike and her 3 children, we walked round to Wheeler Pasture via woods & Evans field. All but Sarah left us through the woods & returned. We three continued and went a little way round Crows Nest to the station of Aug 9, 1919, where I got *Rubus perigrinus*. I collected several specimens in flower and hope I have the species. We returned round Wheeler Pond. Evening at the Farm & Cottage.

Prinos Strobus L. young came from branch on ground, June 19, 1920 ?
Stones, Wheeler Pasture just inside the road.
2, 3, 4 *Rubus allegheniensis* Pursh
Fl. from cave dry slope foot of Crows Nest.

Fire in L.F.
May 2, 1921

1. *Rubus recurvus* Blanchard

Fl. & new cave, dry roadside, LeBretton road near Crows Nest trail -

Fire in L.F.
May 2, 1921

Shelburne, N.H.

1920
June 20

Clear with light clouds, mild.

This morning Gus & I with his buggy and Maud drove up to the Wigwam, and on the way back we drove up an old almost impossible road back of the Stone House to the cistern, that Gus has been for water for the Stone House - I think I have rode over a worse bit of road, and Gus said that he won't do it with any other horse. Returning I spent the rest of the morning and part of the afternoon, getting ready to go to Cambridge tomorrow for Commencement week.

I have been drying my Rubi for the last 3 or 4 days by direct heat and to-day at noon I took out of press plants that I put in press in the early P.M. day before yesterday! Two two days. The plants were in white pressin, papers, with driers and corrugated board, smooth on one side, in the screw press. The press was put on edge over the backs of two chairs, and an oil stone stood between the chairs under the press. I have used this method before.

Rapid
drying
of plants.
in
2 days.

This evening I showed the crescent moon and the 3 planets to George, Frank, Mr. Hayes & his 2 boys. The 4 moons were on one side of Jupiter.

All is ready for our departure to-morrow for a week - I pray for good weather. I shall be glad when I return -

1920
June 28

Cambridge Mass. to Shelburne N.H.

Return from a visit (June 21-28) to celebrate my 50th Anniversary of graduation at Harvard)

Clear, clouding in afternoon -

This morning we took the 8.25 train (N. Station) East on the, for Intervale via Portsmouth & Rochester - Pleasant trip. Fine views of Chocoma, Mount Kearsage, Whittier &c. Then on the Maine Central we went through Coanford Hotel, which I had passed through on the train once only many years ago - I go through now every year by auto. It was very, very grand, far more so than I realized. Words fail to describe it. At Jefferson Mine, we left the parlor car and waited over two hours for the train for Upper Yorkham. Miss Brown picked about 1/2 qt. of strawberries, there was cold spring close by, and made the acquaintance of some interesting people, among them Prof. Robert H. Richards 32 Eliot St.; Jamaica Plain (Mt. Crescent, Randolph) Mass. Inst. Technology '68 - I hope to meet him again. Prof. Richards is very eminent in mining & metallurgy. See Who's Who. Jefferson Mine is a railroad crossing, in the open, partly wooded country with no house for some miles and no road. Finally the train appeared, Lawrence met us.

We had a warm greeting on the return. Mrs. Thrus. Gail & daughter are the new comers, and Mrs. Thrus. Edgy, here last year -

I find piles of mail and it will keep me busy for some time. Mosquitoes and Black Flies are abundant. They are all over the country - Robbware will be here by the end of this or beginning of next week.

Shelburne N.H.

1920

June 29

Very sultry, cloudy, rain about 6.30 P.m. Thunder.

I have been at home & at the farm to-day, except for a visit to Dr. Ewdale's cottage to get something. The cottage is empty. I have been busy enough answering the many letters that piled up during my absence.

A letter from Rob Ware says he will be here by the end of the week or a little later.

This afternoon we had a call from Mrs. Winter and Miss Cook.

I heard the Hermit Thrush to-day in the woods, north of the cottage.

This evening we staid at the farm and the children acted charades.

Shelburne N.H.

1920
June 30

Very hot & sultry with a thunder-storm in the evening - Air grew cooler, Saturn visible.

Wrote this morning Henry Cledys in return for his wonderful collection of Davis cards, Miss Dolly Kirk who sent for a name *Crobachia uniflora*, Mr. Eves in regard to some business.

This afternoon there came from Robbore a bundle of fresh Damp plants for me to press. We spent some time over them, He got them June 28, Garden St., Cambridge Damp. An interesting lot -

Cambridge
Damp plants
from
Robbore

Then I received from Dr. Robins the galley proof of our last Local Flora paper, on the genus *Viola* especially. I worked over that a good while, and then wrote Dr. R. and returned the proof. I also wrote C.H. Knowlton and told him to phone B.S.R. if he wanted to see the proof. I don't know where he is.

This evening the children acted charades at the farm and we staid down - It was cleverly done -

The Hermit sang to-day in the woods though not as much as usual - Still it was very beautiful - Since June 3, for 4 weeks (except the week of my absence) has this bird sung in this spot -

Hermit
Sings
since June 3

Shelburne, N.H.

1920
July 1

Clear, breezy, cool.

I was busy this morning over Ware plants, & Miss Cook called and we three went over the Emerton place, examining *Rubus*, etc. I made a survey of the garden to report to Prof. Emerton. Two sheeps. We strolled over the Emerton Intervale. *Pyrola asarifolia* is in reasonable abundance and in good flower. We put some plants into press before dinner.

This afternoon changed over to Ware plants. Then we went over part of this morning's stroll and collected more *Rubus*. I imagine it is all *vermontanus*. A guess without study.

I have finished copying Dr. Brainerd's notes on Miss Sheppard's *Viola* sent me. I shall send the copy to her.

Dr. Rushmore arrived in his car by 5:15 P.M. Sat with him in this evening, he came up here and Miss Cook came too. We looked at the plants, but could not find *Mercurialis*. Shall try again. *Diarrhiza stramonifolia* Collins

the slope of Emerton place in grass - have planted in garden a Runn in the region. First coll. & observed by us in 1914. *Pyrola asarifolia* Michx.

Emerton Intervale, near n. side of Knubble, flower - Considerable.
1, 2, 3 *Rubus vermontanus* Blanchard
Emerton Intervale, low ground, by Seavy Brook, low, cut at base.

4 By Seavy Brook, low ground, by road, trailing, cut at base.

5 5'1, 5'2, 5'3, 5'4.

6 Emerton grove in light shade, low, bending, cut at base, some separate plants, each with new & old cane.

Emerton grove in shade by wood road. Bending, some 3 ft high cut at base.

Size
in L. F.
May 2/1921

Shelburne, N.H.

1920

July 2

Clear and cloudy, breezy, very cool, last night cold. Rain in the evening.

My right foot has troubled me in a new place since yesterday and interfered with my walking. It is hard luck.

I have been busy at home during the day with accts, writing, seeing friends, &c. Dr. Rushmore called and we ^{had} a good chat.

I have made a copy of Dr. Brainerd's notes on Miss Sheppard's violets and have written her. The collection is very acceptable, and is an addition to my herbarium.

This evening we heated pipes by the open fire and changed the ones with the plants.

Ethel, Mr. Philbrook's oldest daughter, came this P.M. with her children.

Miss Bonum's face was so bad that she went early to breakfast and dinner and I took up her tea to her. She got it by picking strawberries, though she was covered with white gauze.

My right foot is going to handicap me very much, I fear, I can't use it with comfort.

1920
July 2

List of *Viola*s sent me by Miss Susan Sheppard, May 30, 1920. I have sent them to Dr. E. Brainerd who has named them all. Miss Sheppard is staying in Skyland, N.C., and most of the plants came from there, Miss Sheppard has kept a duplicate set, and I have sent her a copy of Dr. Brainerd's notes

<i>V. affinis</i> Le Conte	2
" " x <i>papilionacea</i>	6, 9, 19
" <i>emarginata</i> (Walt.) Le Conte	15, 16, 17, 17A, 18
" " x <i>sororia</i> probably -	7
" <i>fimbriatula</i> J. E. Smith	13
" <i>hirsutula</i> Brainerd	14
" <i>papilionacea</i> Pursh	3, 4, 5, 8, 11
" <i>pedata</i> L., var. <i>concolor</i> Holm.	22, 22A, 1, 1 bis
" <i>primulifolia</i> L.	20, 21, 22B, 12
x " <i>Rafinesquii</i> Greene	10, 10A.
" <i>triloba</i> Schwein.	
" <i>tripartita</i> Ell., var. <i>glaberrima</i> (Sing.) Harper. } (Bull. Torr. Club, 58, 192-193. Mar. 1911)	23
" <i>vittata</i> Greene	21A
x " <i>striata</i> Cist.	24

Skyland, N.C. 1, 2, 3, 4, 5, 6, 7, 10, ^{10A} 13, 14, 15, 16, 17, ^{17A} 18, 19, 20, 23, 24.
 Busby, near Skyland, N.C. 3
 By French Broad River near Skyland, N.C. 8
 Bushee, near Skyland, N.C. 9
 Tryon, S.C. 11, 12
 near Pensacola, Fla. 21, 21A, 22, 22A, 22B.

Collected in April, May & June 1920 by
 Susan Sheppard -

Shelburne N.H.

1920
July 3

Heavy clouds, with rain much of the time.
This has been a day for the house
I have utilized it. I visited some time
with Mrs. Thorndike & her children in the
Casino, and worked at home. Miss Cook
called in the morning and I showed
her my Paris cards sent by Mr. Eldys.
I have written letters and have read
in "Grasshopper Green's Garden" by Julia
Augusta Schwartz. - Little Brown & Co
1919. It is consists of short very well
drawn stories of various insects and
small creatures, making a very truthful
story of each one. Mrs. Thorndike
lent me the book -

This morning I went over to the lodge
and called on Ethel whom I had not seen
for so many years. We had a nice long
talk. She & her four children are here
on a round of visits -

I staid some time this evening at the
farm -

Corallorrhiza maculata Raf.

A fine very large plant by the east
path up Craig some half way, collected
by Dr. Stephen Rushmore and given me.
It is in splendid flower -

1920
July 4

Sunday- Shelburne, N.H.

Cloudy, with sun bursts, sharp rain at times.
We put little flags about the piazza
in vana of the day. There will be some
demonstration to-morrow - Appropriate
colors adorned the dining-room -

This morning I sat on the piazza at
the farm in some talking with the men.
At the cottage we heated & changed
driers. Miss Hooper called. I wrote a
number of letters -

This afternoon Dr. Rushmore started to
walk to Gilead and back the other side
some 14 miles.

Miss Brown & I went to church. There
were 30 present, all ladies & children
except one man and me. I was pleased
to meet Mr Wood who was here last
year from Berlin. I passed the contribu-
tion plate. On the return home I col-
lected some *Rubus* by the road a little
west of the Knighton house. I think it is
R. elephantulus.

This evening Howard & his wife appeared
and it was very nice to see them. They have
been up to the Connecticut Lakes.

We start some time at the farm before
coming back home.

Rubus elephantulus Blanchard. Five M. L. F., May 2/1921.

H. & C. C. tall bending, roadside a little
west of the Knighton house by *Populus deltoides*, (not met)
Pteris aquilina L. Shaded slope of Pine Grove.

Shelburne, N.H.

1920

July 6

Cloud and sun, calm, hot.

This morning I staid at the farm, some time, talking. Then I joined Rob at the cottage. We have been quiet to-day going over plants, discussing and talking over things botanical and now botanical. Rob brought over from S. Newbury a number of undried ^{plants} that had to be traded to. The time has passed pleasantly.

Dr. Rushmore and Mr. Michie started off this morning to try to reach Gentian Pond. Mr. Michie tried three times in vain last season. I shall write the result a little later. It is now 5:15 P.M.

I put into the box for the Bot. Soc. Nat. Hist. among other insects to-day a note, (*Teuchia virginica* (Zygacnidae) Cnustock p. 327 & a tree *Chalcophora virginica* (a *Buprestid*). 8:30 P.M. About 6 P.M. Dr. Rushmore appeared at the cottage. They had made a successful trip, found Gentian Pond, ate lunch on the side of it, in sight of the "Nose Cox" and returned by the middle of the afternoon. It was not as far as they expected. Dr. Rushmore brought me a branch of a fruiting fir, got on the Bald Cap slope. It is the variety *Picea rubra* (DuRoi) Dietrich tree near Little House. *Abies balsamea* (L.) Mill., var. *plumicarpa* Fernald Low tree, 8 ft. high, east slope of Bald Cap Towards ~~Gentian Pond~~, 2200 ft. Chevalier Coll. Dr. Stephen Rushmore.

Shelburne, N.H.

1920

July 7

(1)

Cloudy, cool -

This morning we had delightful day as trip to guests of Mr. & Mrs. Muckie who took us, their sons Auger children, Forbes & Jean and Dr. Rushmore in their automobile to Screw Auger Falls. The clouds were low, but the air was refreshing, and the some 25 miles were a joy.

The falls were beautiful as ever and the wonderful work of ages more impressive. We went down to the bottom of the gorge and worked our way up into it. The scene is beyond words. Lunch was on the rocks above the gorge, with a small fire we cooked bacon as an addition. We visited the Jail where the gentlemen & Forbes went to the bottom of the large pot hole. Dr. Rushmore climbed a fir tree and came down into the upper half of the tree some 20 ft high. Secure cones for me -

We had an equally pleasant ride home, visiting in the way the spring of fresh water in the woods in which I have seen before. White sandy bottom, with spots where the water boils up from below, clear, cold, delicious.

Reached home a little after five.

Evening at the main house for a while, then at the cottage, laying out plants - Rob Ware was at home here to-day busy in one way or another.

Shelburne, N.H.

1920

July 7

(2)

I collected to-day with the help of Miss Brown and Dr. Stephen Rushmore -

Glyceria Torreyana (Spreng.) Hitchc.

Muddy spot, shade, Screw Caper Falls.

Rubus perigratus Blanchard. Side m. h. 7. May 2, 1921. "State"

Woody 8 ft. long bending and trailing on ground.

damp, shady woods - Screw Caper Falls.

Teuuga canadensis (L.) Carr.

Young cones - Screw Caper Falls.

Grafton,
Me.

Rubus verniculatus Blanchard, var. viridifolius Blanchard

Low, bending, border of woods, Side m. h. 7, May 2, 1921.

Cornus canadensis L.

Pinkish involucres, border of woods.

Newry
Me.

Abies balsamea (L.) Mill.

Unripe cones on branches from trees at the Fair & Screw Caper Falls, Grafton, Me.

In all cases bracts shorter than the scales.

The abrupt slender points of the bracts extend above the scales in the lower 5 or 6 rows of scales only - The trees ranged from 25 to 75 ft. high -

Shelburne, N.H.

1920
July 8

Clear & cloudy, hot.

We have kept quiet to-day, not walking, but busy -

This morning Dr. Rushmore took Rob & me in his car to Gorham where we visited the Barber, Mr. Bennett, and had our hair cut. I also had my shoes mended. The drive was a very pleasant one - On our return, Dr. Rushmore showed us from Sunset Rock just where Gentian Pond lies -

This afternoon I spent some time with Mr. & Mrs. Eddy sen who sat a while with us in the cottage - Then I prepared the cones of the Fir from Screw Auger Falls for press. and I studied the structure of bract, scale and seed - I think all these trees examined are typical Fir though some tips of the bracts at the base of the cones show a little. In one or two cones, quite small, the tips of the bracts showed over the cone, while larger ones on the same tree were smooth -

Fir
cones

This evening I talked a while on the farm piazza and then Dr. Rushmore & I went to the Shack and studied maps in re. a trip to Caribou that he & Rob hope to take on Saturday -

Salix alba L. var. vitellina (L.) Kunt. Leaves, Tree of May 8, 1920 -

Rebus or rather L. Whitefield. Roadside ex. Coll. Chan. O. Ballinger.

Shelburne N.H.

1920
July 9
(1)

Cloudy warm with sunshine in A.M. Clouds
sun in P.M. air foggy. Thunder storm in
late P.M., Evening clear.

This morning Rob & I spent at home
mainly studying, sectioning & laying out
cones, sections, &c. of the Screwbeech Falls
specimens. They are intensely interesting.

After dinner we went up to Dr. Rushmore's ^{fir} cones
Shoek, where, to my amazement were some
large branches heavily laden with cones from
the tree in the n.w. corner of Wheeler's pasture,
s. side of Crows Nest and near the line fence be-
tween the Wheeler & Evans land. It is the tree
we examined July 5. Dr. Rushmore climbed up
some 45 ft. a few feet above the cone-bearing
branches which extend some third of the way
from the top. He broke off four branches,
dropping them to the ground and then took
them in his car to the Shoek. They are
very handsome indeed. One of the branches
now is on my piazza. I have studied
carefully the surface of the cones. I will
record observations below.

Then Dr. Rushmore took him Corly, Miss Brown,
& me to Gorham & Glen Ellis Falls. Rob
was busy at home and preparing for the
trip tomorrow. It was a superb run up
Pinkham Hotel, the cloud effects over
the big mountains being remarkable.
Huge masses of snow lie in Tuckerman's
Ravine, while there were large patches

1920
July 9
(2)

Shelburne, N.H.

on Jefferson and some on Washington. At Glen
Ellis Falls we visited the sept - I went to
the observation post at the head of the
falls where is a fine view. A few plants
were put into the box. On the return we
saw by the road on the moist bank a beau-
tiful cluster of in full flower of Habenaria
dilatata, the tall spikes of white flowers
standing apart from each other and making
an exquisite show. We counted Coplands

Reaching Gorham on our return in a light
rain we went to Shureys and had an ice
cream. A crashing thunder storm came, but we
got away soon and the storm kept ahead of us
all the way home.

Abies balsamea (L.) Mill.

Cone-bearing branches from the tall tree in
n.w. corner of Wheeler pasture near the line wall
between Wheeler & Evans Farms. Tree some 60 ft high.
Dr. Rushmore climbed it. Cones covered densely the up-
per third of the tree. He broke off 4 branches some
45 ft up. They are a wonderful sight with the
dark blue erect densely clustered cones. The spring
tips of the branches are exposed only on the lower half
of the cones, rarely covering half the cone, generally
from 4 to 6 lower rows.

Elevations acc. to Dr. S. Rushmore's barometer
Highest point Pinkham notch between Glen House and
Ellis River. 1350 ft.

Entrance to Glen Ellis Falls 1250 ft.

Descent to foot of Falls 250 ft.

Shelburne, Vt.

1920

July 9

(3) Betula lutea Michx. f.Amelanchier Bartramia (Tausch) Roemer.Low ground, roadside, entrance to Glen
Ellis Falls, Pinkham Notch. Elevation 1520 ft.
Coll. W. Deane.Rubus pubescens Raf.Trail from main road to Glen Ellis Falls,
Shade. Fruit. Elevation about 1500 ft.
Coll. Dr. S. Rushmore.X Fragaria grandiflora Ehrh. Five in L.F., June 10, 1921.Roadside in grass by entrance to Philbrick
Farm. s. w. corner north of road. Largest berry $3\frac{1}{2}$ in. circ.
Coll. Miss L.M. Brown.

- Achenes in pots -

Shelburne N.H.

1920
July 10

Fog in early morning, clearing, cloud & sun during day, air comfortable.

This morning, Rob & Dr. Rushmore started off in Dr. R.'s car at 8.15 Am. for a trip up Caribou. We flashed to them at 12.30-1, and received replies at 1 o'clock. They were distinct small flashes from the very top. Miss Cook came up and we all saw several. I saw one through my Terrestrial telescope.

I have been very busy all day catching up with my plants, certain letters, &c. Mr. Michie came up after dinner and I loaned him Capt. Hunter's pen.

9.30 P.M. The mountaineers returned by 6.30 after an absolutely perfect day, ascent made very easily in 3 hours, heaps of plants collected from the summit and from the wooded sides. Elevations taken at important places with the barometer. They came up here with Miss Cook this evening and we had a long talk over it all. They saw our signals very plainly. I shall press for record all they brought down. It will be quite a piece of work.

Picea rubra (DuRoi) Dietr.

Small tree near woods of ledge - 4 my sold cones.

Abies balsamea (L.) Mill.

Summit of Caribou. Coll. R. & W. & G. Munn

Raphanus sativus L.

Roadside, Brown farm - 3 ilead. Exposed Co. Me. Coll. R. & W.

1920
July 10

Trip up Caribou, Oxford Co., Me.

Robt. A. Ware and Dr. Stephen Rushmore
July 10, 1920 -

The observations apply to the regular trail up -
Elevations, 1st above Philbrook Farm 2^d above sea.
Caribou lies partly in ~~Batchelder's Grant~~ and
partly in Mason, Oxford Co., Maine.

A. Summit to timber line.
Summit. Elevation ^{above P. Farm} 2200, ^{above sea} 2925 ft
~~Batchelder's Grant & Mason.~~

B. Timber line to camp.
Camp. Elevation 2025, 2750 ft
Temperature 3:30 P.M. 71°F.
~~Batchelder's Grant & Mason.~~

C. Camp to spring.
Spring. Elevation, 1475, 2200 ft.
~~Batchelder's Grant & Mason.~~

II. Spring to base.
Base Elevation 150, 275 ft.
Mason.

The elevations were made by Dr. Rushmore's
barometer.

Plants were collected ^{over the area A and} all along the
route from Summit to base - The
letters A. B. C. II indicate the zone.

Distance fr. Philbrook Farm to summit
acc. to Dept. Agric. Forest Service White Mt. Nat. Forest
N.H. - Me. 1917, in straight line, 7 1/2 miles.

Note (Govt maps show Caribou in Mason only!)

Shelburne, N.H.

1920
July 11

Clear with floating clouds. Warm.
Robert & I have spent all day putting
into press the collection of yesterday by
him & Dr. Stephen Bushman on Caribou.
They made the collection in four areas
taking practically everything saw on the
top and on the way down - these zones
were numbered from the summit down
as A, the treetop, B, from line of trees to
camp, C, camp to spring, D, spring to base.

My botany box was filled with Zone A.
A large fold of heavy brown paper
held the other zones, which were kept
apart.

After the plants are dried, I shall list
the species - They will go in the mail
to the New Eng. Bot. Club.

This evening Miss Hooper & her cousin,
Charles F. Billings, who came late, came
up to the cottage and spent the evening.
They were much impressed by everything.
The Hummingbird ♂ & ♀, drank freely.
The ♂ makes a decided & louder buzzing in
flight.

Steeleburne, N.H.

1920
July 12

Cloudy, foggy, warm, sun bursting out at intervals. Thunder storm this evening.

This morning I sat on the Farm porch for some time. Then Rob & I changed the dries of the Caribou plants, a big piece of work.

Some children came up for a while.

This afternoon we were busy at the cottage in various ways. I studied the Caribou map. The Mt. lies in Tupper, and in Batchelder's Grant and the trail is in both portions.

Miss Lowell arrived this afternoon. She occupies the Lodge. It will be very pleasant! Miss Crisfield has gone south to her home for a while -

Shelburne, N.H.

1920
July 13
(1)

Trip to Sargent Cape Falls, Dixville Notch, Colebrook, Lancaster, Jefferson, Red Spruce Inn, Randolph and back to Shelburne.

Dr. Stephen Rushmore took in his car Miss Alice B. Cook, Miss Brown & me. The itinerary, times & elevations follows this sketch.

We left the farm at 8.20 A.M. and on our way to Bethel stopped at the famous spring in the woods at West Bethel. Gus Philbrook knows its history. The clear cold water bubbles up through white sand. Then we rode on to our next stopping place, Sargent Cape Falls where we spent a good half hour. It is a wonderful spot. I collected a few plants. Miss Cook had never been to these falls and was very much impressed.

The passage through the Grafton Notch was imposing, running between Speckled Mt. & Saddleback. Some 3 miles beyond the apex of the notch, following Cambridge River we stopped by a broad open field, unfenced, with Red & White Spruces scattered over it. I noticed the White Spruces laden with cones on rather small trees and this occasioned our stop which was a very pleasant one. The field was covered in places with a very low blackberry in flower (*Rubus*

12 in. or less in height of which I took a little. The ladies found Strawberries

Shelburne, N.H.

1920

July 13 very large and in great abundance, and
(2) they picked enough for lunch.

The special interest was, to me, in the White Spruce. The trees were laden with cones young, drooping, fully developed in length, in the main, some green, others changing on the exposed side to rather color. Dr. Rushmore climbed up and secured specimens.

At this point Mr. Billings & Miss Hooper overtook us in Mr. B's car and staid a short time.

A short distance on we had a blow-out, which held us for half an hour during which time I enjoyed the wonderful view of Saddleback and Spec (spangled Mt.) from the near north side. Continuing our way we entered Lipton Township, passing here and elsewhere groves of fir. White & Red Spruces laden with cones, making a wonderful sight. We passed the southern end of Lake Umbagog climbed over Enrol Hill, entered Enrol and struck straight west to the entrance to Dixville Notch. Here we stopped on the border of woods, nearly a beautiful fall where we refreshed ourselves, and had lunch. Then we climbed the Notch Road and we found at the summit, with its wonderful structure closing us in. Our distance so far was 61.3 m.

Stellburne N.H.

1920
July 13
(3)

Then on 10 miles more through a beautiful country, with its dairy interests to Colebrook on the Connecticut River. We followed this river for miles to Lancaster on a fine road. Here I phoned W. Lawrence that we should not be back to supper - We proceeded then towards Jefferson, stopping a while for another tire trouble, and getting a last view of the Stratford or Perry Peaks, which we had seen on our way down the river.

In Jefferson we visited the Red Squirrel Inn where we spent a full hour sitting on the piazza, eating the famous waffles, talking, enjoying the wonderful view as the darkness gradually closed in, and the fiery sun set and the stars came out. We finally bade good bye to the Misses Sanders and their aged father, turned on the electric lights in the car and drove the long way home, nearly 25 miles, which we reached at quarter of ten, after an delightful social drive as I ever had -

1920
 July 13
 (4)

Rubus pergratus Blanchard* Low, shade, Tall, beading.
Amelanchier laevis Wiegand Among rocks.
Carex lurida Wahlenb. ^{Five in. h. 7.} Low, shade
 Screw Copper Falls.

* Five in. h. 7.
 May 2, 1921
 "Shade state"
 Same plant
 as July 7, 1920.

Picea canadensis (Mill.) B.S.P.

Cone-bearing branches from trees 15-25 ft.
 Tall, open grass land by the road. Some
 3 miles north of apex of Grafton notch.

Rubus setosus Sigelard ^{Five in. h. 7. D., May 2, 1921}

One foot & less Tall in open field
 above, abundant, making a pretty sight
 with its large white flowers in the short
 grass. Cut at base.

All from Grafton, Oxford Co., Maine

1920
July 13
(5)

Itinerary of a trip by automobile as described above. The elevations are taken from Dr. Rushmore's barometer, and are above that of Plulbrook Farm. It is followed by the elevation above the sea.

Plulbrook Farm is 725 ft above sea level,

Left P. Farm 8.20 Am. Standard Time.

P. Farm to West Bethel Spring 11.10 miles

Screw Lager Falls 365 ft. (^{above sea} 1090 ft) 29.10 "

Foot of Dixville Notch, lunch place

by fall & near trail to ^{Table Rock,} 940 ft (1665 ft).

Summit of Notch 1320 ft (2045 ft). 61.30 "

Left 3.00 Pm.

Reached Colebrook 10 m. 3.40 Pm. 71.30.

Red Squirrel Inn 1050 ft (1775 ft) 118.50 "

P. Farm 9.45 Pm. 142.00 "

Reached Screw Lager Falls at 10.15 Am.

Left " " " " 11.00 "

Shelburne, N.H.

1920

July 14

Sun & cloud, very muggy & hot -

This morning I spent at home, working the plants of yesterday and writing my journal. The White Spruce cones are most interesting -

Rob played some croquet and worked on his plants -

This afternoon Dr. Rushmore took him Cook & me in his car to Gorham to have some work done in the car. During the interval we walked about and rested at Shorejo's. We returned as far as Lead Mine Bridge and then returned to Gorham for a forgotten errand and then on the return drove in to the old road to Lead Mine some way and saw some of the many camps tucked away in the many nooks by streams. Attractive spots. An Olive-backed Thrush sang continually. Returned home a short time before supper -

This evening Dr. Rushmore & Miss Cook came up to the Cottage and we had a pleasant meeting and good bye - Dr. Rushmore leaves at 7 A.M. in his car. We have had many good times together and I shall miss him so much. At present (9.30 P.M.) a good thunder storm is on. Abies balsamea (L.) Mill.

Branch with very young cones and apex of last year from large tree just chopped, in Millsfield, Coös Co., N.H. Taken & presented by Chas. O. Billings -

Shelburne, N.H.

1920
July 15

Clear with light clouds, warm, evening
very brilliant.

This morning I walked over to the
Shack and saw Dr. Rushmore all ready
to leave. It was a few minutes of seven
and his car was packed and standing at
the gate. I was sorry to say good-bye. He is
now at home. I had written me a letter
at C. M. and left it in the box -

I staid in the cottage this morning
and afternoon, feeling pretty tired. I
worked on my plants and read & rested.
I wrote to Dr. Rushmore.

This evening I called on Ethel Park
at the Lodge and saw her, and Aris
her oldest child and others - We had a
very pleasant talk - Then I went over
to the farmhouse where Miss Malcott
was playing on the piano. She is a
music teacher and she plays beauti-
fully. We staid there till 9 o'clock
quite a number being in the room.

Shelburne, N.H.

1920
July 16

Morning wonderfully clear and cool.
Afternoon rising clouds, very cool.

This morning a large party walked up Crag, some walking all the way, some riding part way - We off the Little House walked to Crag. There Miss Brown & I remained, wondering about and later showing two of the ladies to the Devil's Den Boulders. I drove home in Mr. Michie's car with a number of others.

This afternoon Rob & I worked over the Cariboe plants, heating drier, and taking many plants from press. I also changed the drier of my own plants.

Later a very large automobile came up the driveway and Rob was pleased to meet Mr. Carter of his firm, and three children & grand children.

They staid for some half hour and were much interested in the Humming Birds and the Tumbler -

This evening I mixed with others the bull in the barn. He is a fine 2 yr. old. He got out this P.M. and ran over the pasture causing great fright to Miss Brown & Miss Cook who met him, and fled in great dismay - never trust a bull -

Verbena hastata L.

Small plants in low ground by the muddy pond back of the Stone house by Hill Brook -
3 small plants seen -

Shelburne, N.H.

1920

July 17

Clear, with slowly drifting clouds, cool.

This morning Rob & I wandered over to the Blue Trail to get some of the small White Pine Cones that were in the branches beaten from the tops of the trees by the severe wind & snow storms of last fall and winter. We found some. We sat some time on the Presidential Platform talking and discussing the view. We traced by the smoke a mountain train, climbing Mt. Washington.

This afternoon I had a long talk with Mrs. Dowell about Mrs. Buhler. We do not yet know whether he got his degree at Harvard.

Mrs. White & Mrs. Wright came up at 4:30 and we had an extremely pleasant time. On the piazza we had tea and the Humming birds were rampant. A ♂ Black from the tumbler in front, and a ♀ from one on the west side of the railing close to where Mrs. White was sitting. There was had a session in the study where I showed much, and explained much.

After supper I talked a good deal in the sitting room.

Love Letter from Mrs. John E. Thayer.
Pinus Strobus L.

Twigs with young cones of last year from branches torn from the trees by Blue Trail last fall and winter.

Pinus resinosa Ait. ♀ fl. & young cone, woods, ex T. L. June 1910. (Bunnell)

1920
July 18

Morning clear calm, afternoon cloudy, cool.

This morning Bob took a walk with Mrs. Endwin and child, and I worked over my plants, ^{at} home. The Caribone plants are mostly dried, but a number remain.

This afternoon we walked to the village to church. Mr. Wood officiated and they were about 30 present. I took up the offering. Mrs. Michie took us home in her car.

I went over to the Smerston garden to report on the condition. The two Royal Lily plants are flourishing. One has a single bud & one has two buds well advanced and from $1\frac{1}{2}$ - $2\frac{1}{2}$ in. long. Everything is doing well.

This evening we all staid at farm some time, talking and singing.

Shelburne, N.H.

1920
July 19

Thunder storm in Am. Rain off & on all day -

At the cottage or main house all day - Writing & reading & talking.

Mrs. Robert Albani arrived before dinner. Rob & Lawrence drove to Gorham for her. She came over from So. Newbury, Vt. To-day. She had a very warm welcome - It was good to see her -

She and Rob rested a good part of the afternoon - I wrote letters -

This evening, Anna Daine, husband & 3 children arrived. Now all Gus's children & grandchildren are here or in Gorham except Howard & his children: I hope they can come -

We staid for a while at the farm this evening. There was a fierce if short thunder storm just at tea time.

Shelburne, N.H.

1920
July 20

Scattering clouds in A.M., day clear & mild.

This morning a large party including us four walked to Whitney Farm & back. The fresh air, clear sky and pleasant company made the walk a good one. At the farm, we were shown all the horses and ponies, and we enjoyed the view from the piazza. The walk took up most of the morning -

We all rested during the afternoon. I changed the orders of my plants, mostly *Coniferae* for the last time, I think.

Mrs. Howard Philbrook with two older children children arrived late (evening) on the belated train -

It was wonderfully clear this evening and the young moon was up - We invited a number of friends up to see her.

Mrs. H. E. White 502 W. 12th St. N.Y.	Mrs. W. K. E. 14 Sagamore Road Worcester.
" M. C. Wright "	" Elisha S. Dwin, 5 Smith St. Winchester
" Leslie W. Hooper 41 Ashford St. Boston	" Miss Alice B. Cook, 76 Union St. Fall River, Mass
" Blanche " "	" Miss A. M. Parkins, 1865 Calverton Road, Wash. D.C.
Mrs. Geo. P. Walcott, 520 Pleasant St. Belmont.	" Miss F. K. Harris, 74 Buckingham St. Camb.
Miss " Myrtle " "	" Miss J. W. Thrausike, 20 Chestnut St. Boston.

It made a very pleasant occasion -

Silene latifolia (Mill.) Britton & Rendle -

Wooded slope of Bald Cap by upper camp on east slope - Horox

Ex & Coll. Dr. John L. Morse.

Shelburne N.H.

1920

July 21

Clear, clouding soon, becoming cloudy - no moon.

Robert & I have been most all day naming the Caribbean plants. Rubus makes the most trouble. The Key, as I know, is only a tentative one, but it is all we have. Sometimes it does very well, but far from always.

Miss Lowell called today and told me Gubler the Gros Gubler had got his degree at ^{gets} Harvard - I am very glad indeed ^{miss degree at} ~~Harvard~~ ^{Harvard} before long he goes back to France to Paris and I shall see him probably again -

I have heard a Hermit Thrush singing almost every day in the woods north of the cottage, since the beginning of the song season. I have heard him from my bed, on awakening, at 8 P.M. and through the day - of late he sings less frequently during the day -

Hermit
singing
daily
in woods
n. of Cottage

Shelburne, N.H.

1920
July 22
(1)

Thunder storm last night, fair and cloudy during the day.

This morning I staid at the farm some time and later, coming home I worked over some of Rob's grasses from Rhode Island.

After dinner we strolled down the road a short way examining Rubi. On Mr. Light's Farm a self loader was working and Side-Delivery Rake were at work too, so we walked over and watched them.

During the work a Woodchuck 3 or 4 rods off started on the run across the various rows straight towards the man on the rake and didn't stop till he was under the rake in the hay, or rather crawled against the ridge of hay. There he paused. The man jumped off & walked to the man on the hay cart to bring a fork - this they did, and the poor fellow was speared but brought out struggling. He was soon dispatched. His hole was in a direct line of his course a distance of some 30 ft beyond. Instinct said, mark straight for the hole, danger everywhere else. Had he staid still nothing would have happened to him. It seems a poor provision of nature. Mrs. Willie & Mrs. Wright called this evening. We inspected the moon and we six had a long talk in the sitting room.

Shelburne, Vt.

1920
July 22
(2)

Rubus Strobilus L.

Specimens with young canes from under pine trees on side of Bald Cap by upper camp, west slope. These are from branches torn off by the storms of last spring. Picked up ^{July 20} & given me to-day by John Lovett Morse jr.

Rubus vermontanus Blanchard

Low, cut at the ground, light shade, dryish soil, roadside between Leighton house and turn to the station. New and old cane - Erect

Fine
m. R. 2.
May 2, 1921

Rubus allegheniensis Porter

Cut close to ground, new and old cane, erect. Rocky, dry shady slope of hill south of my cottage. Young fruit - A few rods fr. cottage.

Shelburne, N. H.

1920
July 23

Sun & cloud. Heavy thunder storm in the early morning hours -

We were busy at home till 12 M. when Rob & I went over to the Stony Pasture and met Mrs. Thundersike, Sarah, Billy & Charles, & Mrs. Goodwin, Barbara & Bettie, who had taken the lunch earlier. We had a very pleasant outing among the big Sugar Maples and then wandered about till we returned and all came in to the cottage where Miss Brown had red drinks for them. We got back about 3.30 P.m.

In my mail was a letter from Ellis & Andrews, Harvard Sq., brokers of real estate, acting for the Brewster Estate, telling me 29 & 31 Brewster St. was to be sold and offering us first chance!! I hoped this would not come in my day - I have written them and Harry Spelman. I want Harry to take care of this matter for me - Of course I am very anxious -

Lilium canadense L.

Intervall, flower. Two adjoining petals of this uppermost flower, united, with groove all round.

Coll. by him

Harris -

Tsuga canadensis (L.) Carr.

Grows cures in Hamlin woods -

Shelburne, N.H.

1920
July 24

Rain in early morning and at noon. Sun out with clouds rest of day. Fine sunset.

I have written J.R. Churchill and later telegraphed his office & found that he is in Sheffield indefinitely - I also wired Ellis & Andrews that H.M. Spelman would see them. I am sorry that J.R.C. is away - I shall write him to-morrow.

I have written quite a number of letters to-day to friends, trying to lessen the bill -

Rob took Chester Ware to the circus in Berlin to-day - It was a great success, the last 11 years past, and never before in a train, nor in Berlin, nor at a circus -

This evening was wonderfully clear with heavy scattered clouds drifting, air very cool.

Moon a little over first quarter - I now saw the moon more brilliant through the telescope. Copernicus was on the edge, a deep pit, filled with black shadow, and its rugged broken edges were clearly defined.

The Alps and the Apennines were never more marked - Mars was low in the west at 9.45 -

Stelburne, N.H.

1928
July 25

Clear with heavy cumulus clouds, strong breeze.
This morning I staid at home writing
Celtarhard, a number of them important
and relating to the home in Cambridge.

This afternoon Rob and I took a stroll
through Lighton Interval to the station
by the river for *Carex longirostris* -
It has entirely disappeared - We returned
through the Philbrook interval, and
I went over the Emery garden and
found one flower of the Regal Lily
just opened in all its glory - The
other two buds on the same plant are
nearly ready, and the single bud on the
other plant is large & red -

Mrs. Lowell called at the cottage
later and we all drank tea and
had a very pleasant talk

This evening Mr. & Mrs. Nickie & their guests
Mrs. & Mr. Craig & Mr. Norman Craig of Ont. Canada,
& Mrs. Cook came up to see the home. It was a
wonderful display. Mr. Craig was an aviator at the
Dardanelles during the war, and he fascinated us
with his acts of his experiences till 10.45 P.M.
It was marvellous. We asked every conceivable question.
Dianthus atro ruber Allioni. No plants in garden etc.

Dead ripe fruit from Emery slope - Self sown -
Pinus Strobus L.

Branch with two cones, second year, not
fully grown

Coll. by J. H. Morse jr. to-day -

Lysimachia Nummularia L. From land by P. farm house, not planted.

Shelburne, N.H.

1920
July 26

Clear, very cool, a superb day & evening.

This morning the Thorndikes left us after breakfast, Dr. Thorndike arriving yesterday P.M.

The morning was passed with Rob working over our plants. He doesn't care to wander about much, and I don't find it as easy as formerly.

Dr. & Mrs. & Bunnie Morse with Mr. Michie and Mr. Craig went up Caribou this morning.

Bunnie brought me back a *Habeuaria fimbriata*, between deep rose and white, and some fir cones.

This afternoon Mr. & Mrs. Abbott, Miss Lowell, Dr. Spottedwood & came in and drank in the view, the hummingbirds and tea. Rob & Charlotte enjoyed it.

This evening Ethel and her daughter Anna, and son, Arica, Mr. Paine and his friend, came up, and saw the moon and sat by the fire -

This morning Shorey came down with Margie & her two children and took photographs of the children & grandchildren of Gus. All present except Howard, his youngest child & Lawrence, who was taking a party on a ride. He should have given that up.

Abies balsamea (L.) Mill. ~ White tips of leaves ~ (H)

Specimens with cones from Caribou, one sp. summit with tips of bracts showing throughout, cones pointed; one sp. a short way below the summit, cones blunt, no tips of scales showing.

Habeuaria fimbriata (Det.) R. Br.
Caribou woods -

Coll +
ET

Mr. & Mrs. Morse
"Bunnie"

Shelburne, N.H.

1920

July 27

Clear, calm, warm, views marvellously clear.

We have been quiet to-day, at home most of the time, engaged in our various occupations.

A plan to drive to The Red Squirrel Inn did not materialize, as the car did not return in sufficient time. We shall do it to-morrow.

I have taken most of my plants out of press. The cones have taken considerable time and room - interesting, of course.

This evening I showed the mosses and nearly ferns, to Barbara Goodwin.

I am waiting anxiously for letters in regard to the home in Cambridge. They must come to-morrow -

On July 26, 1880, in the morning, as I have recorded elsewhere, on a walk on the Blue Trail with Miss Ella Wiggins, my first interest in botany sprang up at the sight of Dalibarda repens in flower. I picked it, and asked her to tell me of her great enthusiasm over plants. Her eager explanation of the structure in a simple way fired me, and from that moment my zeal has been unremitting.Abies balsamea (L.) MillBranches and cones from a tree by Spottswoode Swamp, collected by Sumner Morse (John L. Jr.) and given to me to-day. Cones rounded at the apex, tip of bracts ~~not~~ visible, throughout and partly so.

1920
July 28

Shelburne, N.H.

Trip to Randolph Hill & Red Squirrel Tea House.

Clear, calm, light cloud, rather warm at noon -

This morning was spent at home, the horses getting ready for their departure to-morrow and I writing &c &c

This P.M. with Lawrence we drove to Randolph Hill where I called on Prof. Robt. H. Richards & Mrs. Richards in their cottage beyond the Mt. Crescent House. I met him June 28 at Jefferson June. (see Journ.). The call was brief, but very pleasant. Charming spot & wonderful view of Mts. Madison & Adams and their varied surface. He walked out with me to the car and met the others. Then we drove on to The Red Squirrel Inn, where we spent some 2 1/2 hrs. The view is unsurpassed. The air was clear, the sun in the west just right for mountain view, and from our elevation, as we sat on the piazza we had the full sweep to Madison, Adams, Jefferson, Clay, Washington, Monroe, Franklin, Bonham, Witten, Dartmouth, Cherry, Cynosse with all the ridges & ravines. I saw with naked eye and glass, Madison Mt., Tip-top Houses, & Lake of the Clouds Mt. Below as was Jefferson Highlands and the valley - In 1 1/2 hrs. before tea we just gazed at and studied the views - Then we had our meal in the piazza facing it all with the full rising moon and the red glow in the west. Miss Elizabeth F. Sanders & her sister, who own and run the place are most hospitable. Their aged father is with them. Very beautiful victrola music was played. At last we started back and had a wonderful run home under the full moon. We drove in to The Waumbuck House to show it to Charlotte. Robert was feeling quite up to the mark today, but it did not prevent his enjoying the trip. We reached home at 9 P.M.

Sheffield, N.H.

1920

July 29

Sun & cloud in Am. & Pm., sultry, thunder in the evening, and light shower. Mercury 82° F. Max.

This morning, Robt & Charlotte Wace left. We were sorry enough to miss our good friends. It has been a great comfort to have Rob with me. Miss Brown & I walked to the station and saw them off on the train. They are to go to Intervale via Gorham, Jefferson Tunc. & Crawford hotels. We drove back with the Michies.

The day was quiet, spent, if busily. Miss Cook called as she goes to-morrow.

Miss Lowell called in the evening.

I had a long letter from J.R.C. in regard to the Brewster St. house from Sheffield. He can furnish the money all right, Harry must do the rest, I'm in for it surely, and shall try to take it easily - I've written long letters to Harry & the Judge -

Shelburne, N.H.

1920

July 30

Heavy thunder and rain in the morning hours before breakfast. Clearing and pleasant with clouds & sun in P.M. Evening clear, moon full -

To-day has been wet and I have been at home getting my plants into order, pocketing seeds &c. I have a good deal to do with the coniferæ, pocketing needles &c. - I do all I can up here.

This afternoon the two Miss Hoopers, Mrs. & Miss Wallin (Curlington, Mass.) and Miss Harris came up and sat on the piazza & drank tea & the red Raspberry drink.

We had a pleasant talk. We were interested to see a ^{largest Hawk} Night Hawk fly ^{first seen} scaling by.

Just before tea we heard that Piff Cementon had arrived, to our surprise. We went right over to his cottage and found him there. There was a very pleasant meeting and we walked about the garden, which he was much pleased with. The four buds of the Regal Lily were in full flower. Piff Cementon says he is very much run down and needs a real good rest. He'll get it here - He says that Celara is at home with them now. She has had trained & competent nurses - This may be temporary. She is apparently quiet with taking interest even at the farm and at home -

Shelburne, N.H.

1920
July 31

Cloudy with intervals of light sun, heavy thunder showers in the early morning hours and at noon.

It has been a very hot and sticky day. I have been making at home, very comfortable. Much time has been spent in going over my coniferal and getting the specimens in some shape. The needles all drop off in *Picea* & *Tsuga* and have to be pocketed. This necessitated the making of a lot of pockets as I can find my set of them.

We also put a number of insects into the bottle from the piazza. I find that the Syrphid fly and the Yellow-jacket are both busy at the Humming Bird tumblers. I found this worm coat as I carefully handled a Wasp or a Fly (4 wings vs. 2 wings).

I called on Prof. Emerton before dinner and chatted. He says he is very tired indeed.

I finished a day or two ago "Just David" and found it a very interesting and touching story and very unusual.

This afternoon I was busy at home and after tea I had a long talk in the sitting room with Prof. Emerton and Mrs. Eddy.

Some rain fell this evening.

Class photo. Taken June 23 last, came to-day.

Pinus Strobus L.

Cone ripped from the tree top on Pine Grove by the sharp wind storm this noon. Picked up in the pasture this P.M. by the Grove —

Clamp photo
came



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